



# Status of HCal Prototype

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Calorimeter Beam Test Meeting

February 25, 2016

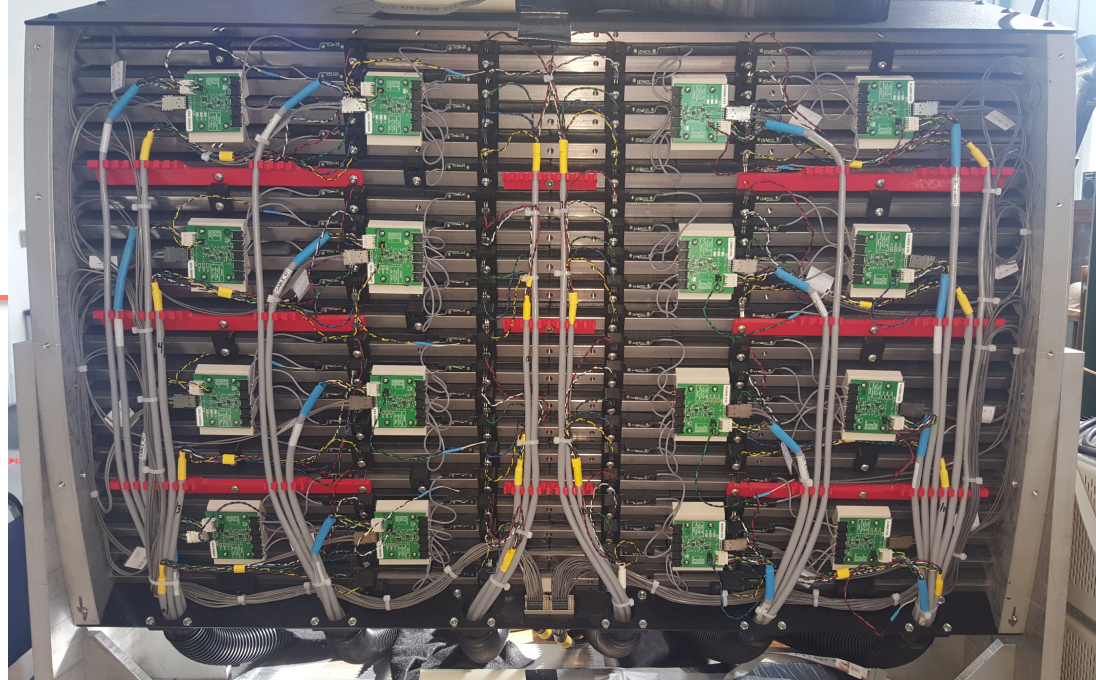
# General Status

- Inner HCal powered up, taking cosmics and LED data
- Outer HCal assembled with SiPMs but needs cables
- Painting the stand looks great but smells terrible



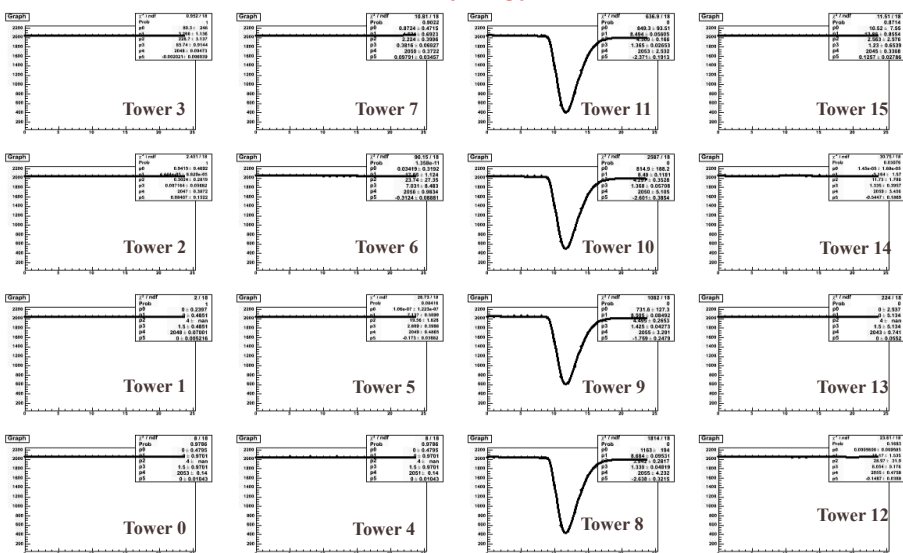
# Inner HCal

- Taking data!
  - Cosmics
    - Paddles
    - Self trigger



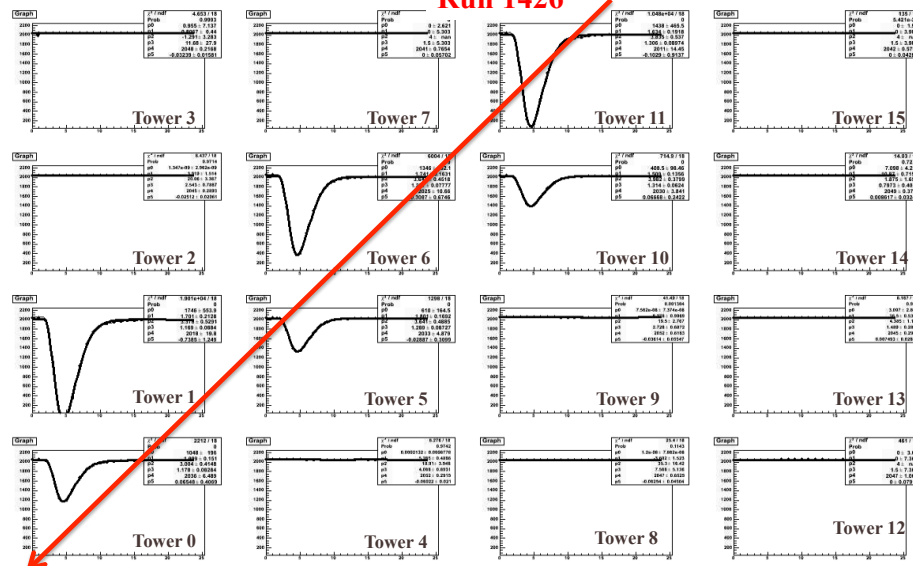
3

Run 1391



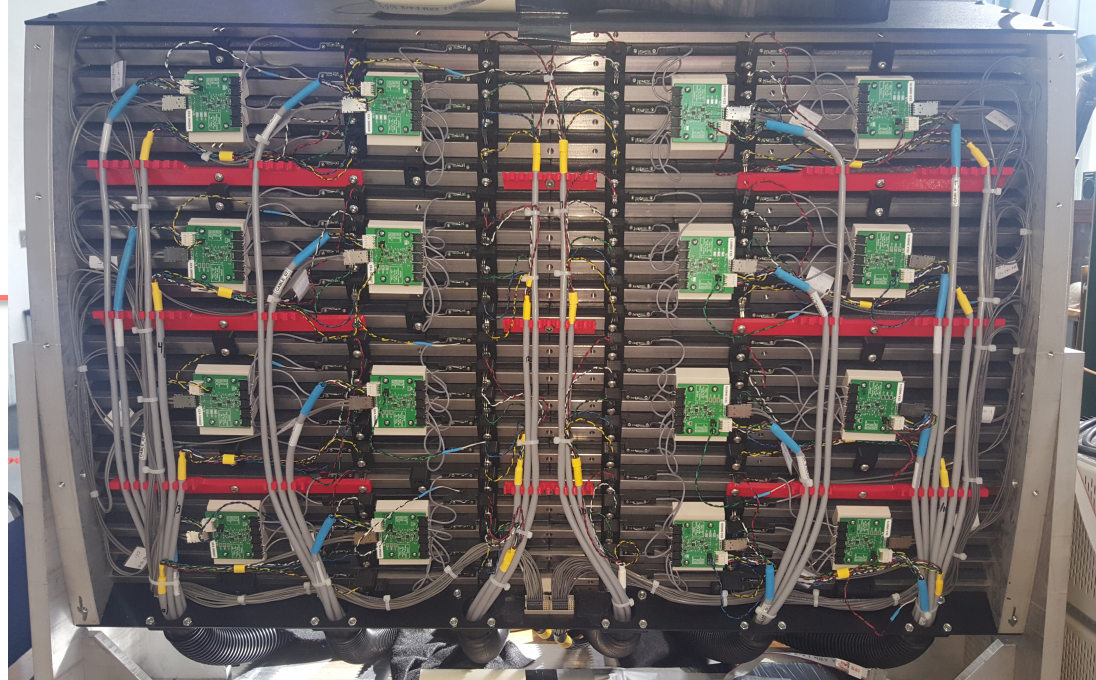
## Cosmic – Self triggered

Run 1426



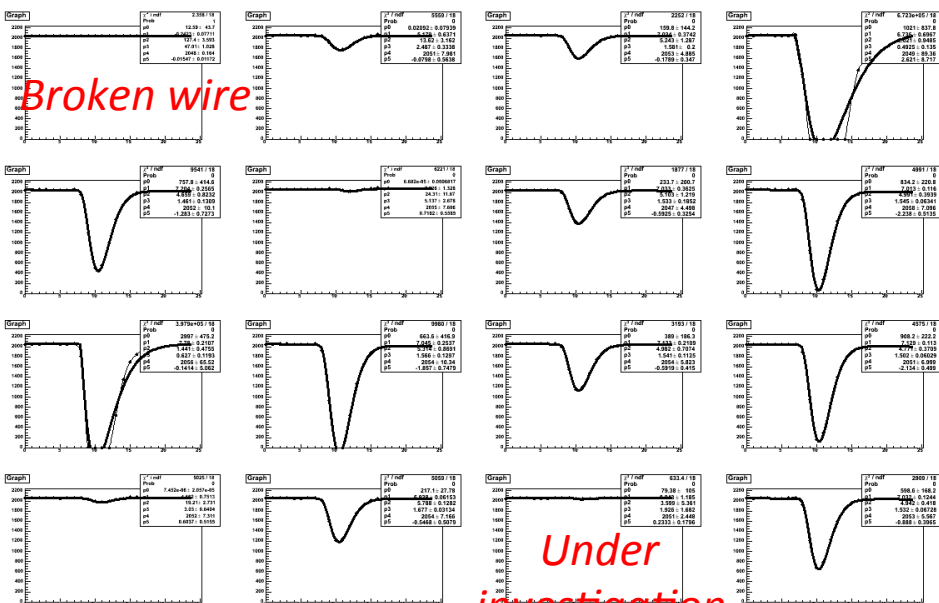


# Inner HCal

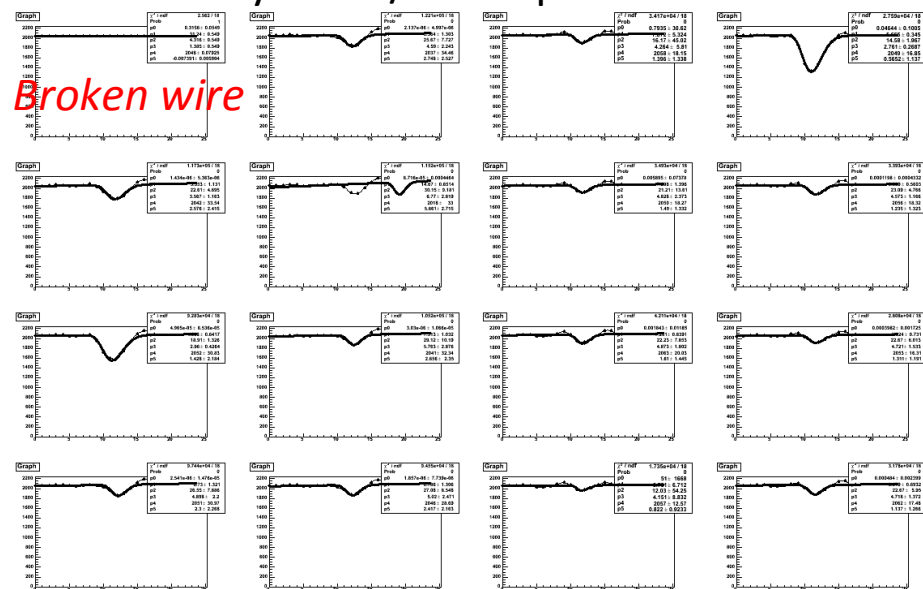


- Taking data!
  - LEDs
- Work in progress

All 5 LEDs/tower pulsed



Only 1 LED/tower pulsed





# Plans

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- Next Steps:
  - Inner: Debug LEDs and tile output
  - Outer: Connect all cables start testing

# Lesson Learned

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- Test LEDs with tile ahead of time
- LED hole in tile
- Quality control of tile thickness and shape/length
- Wires from SiPMs to board on outer are a tight fit
- Less delicate wires??
- Light block by Edward